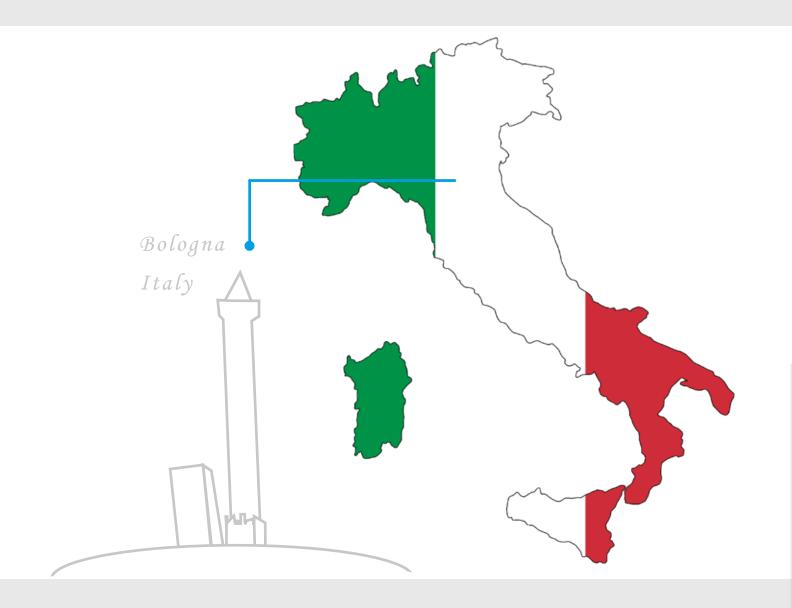


COMPANY PROFILE

The company is headquarted in Bologna (Italy) and thanks to its professional and well-organized distribution network, it features an effective worldwide presence. SMS is also supplier of several multinational corporations.



Please visit our website to discover the distributor or and dealer nearest to you.

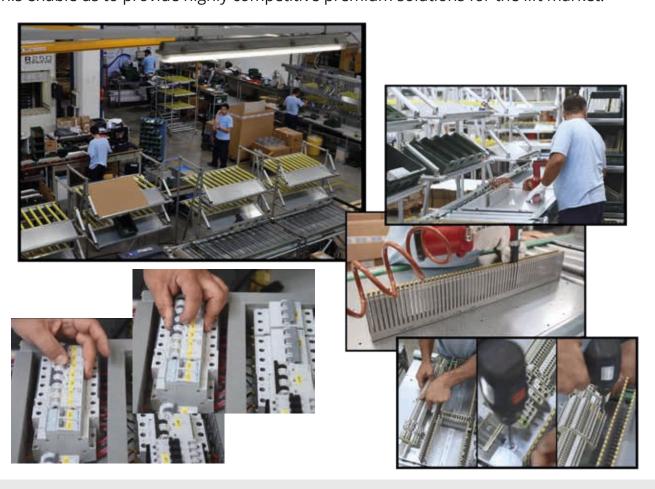






COMPANY PROFILE

SMS is a leading Italian manufacturer of electronic components for lifts since 1982. After more than 40 years, SMS keeps growing, focusing on state-of-the-art technology and delivering high precision products, while being 100% customer oriented. This enable us to provide highly competitive premium solutions for the lift market.



The company's policy of pursuing quality manufacturing is integrated with a strongly-competitive pricing policy, punctual all-round delivery, and support, both before and after sales, unique in the lift market.

Company's quality standards are certified ISO 9001:2008 and the devices are certified according to EN Standards.











ELETOUCH

Control Board - Eletouch

HIGHLIGHTS

- Modular system up to 32 stops, APB, Down and Full Collective, Multiplex.
- CAN BUS communication with TKL inverter.
- CAN BUS system for serial shaft and car.
- Shaft positioning with existing motor encoder.
- Touchscreen LCD for system configuration and diagnostics.
- Wireless Access Point to manage parameters with mobile phone, tablet or PC.
- Software updating via PC.
- Parameters stored permanently in EEPROM memory.
- Transparent protection plate with I/O labels.

ELETOUCH



ELECB



PARALLEL CAR CONFIGURATION: ELETOUCH BOARD

ELETOUCH BUARD						
CONTROL PANEL		MAX S	TOPS			
BOARDS	ELEXP	DRIVE PARALLEL ***	SERIAL DRIVE TKL**			
HOME LIFT		4	5			
AUTOMATIC PUSH BUTTON		6	8			
DOWN COLLECTIVE		6	8			
	1	12	14			
	2	18	20			
	3	24	26			
	4	30	32			
		4	6			
	1	8	10			
FULL COLLECTIVE	2	12	14			
	3	16	18			
	4	20	22			
	5	24	26			

SERIAL CAR CONFIGURATION: ELETOUCH + ELECB BOARDS

MAX STOPS
8
12
16*
24*
28*
32*
9
12*
15*
21*
27*
32*









Control Board - Elemid

HIGHLIGHTS

- Modular system up to 32 Stops, APB,Down and Full Collective Multiplex.
- CAN BUS Communication.
- System configuration and fault diagnostics using 6 buttons and LCD display on board (16 characters on 2 rows).
- Parameters are permanently stored in EEPROM memory, even during black out.
- Updating via PC.
- Parallel and Serial configuration.

ELEMID





PARALLEL CONFIGURATION: ELEMID

CONTROL PANEL BOARDS	ELEMID	ELEMID +N.1 ELEXP	ELEMID +N.2 ELEXP	ELEMID +N.3 ELEXP	ELEMID +N.4 ELEXP	ELEMID +N.5 ELEXP	ELEMID +N.6 ELEXP
HOME LIFT	8						
AUTOMATIC PUSH BUTTON	8						
DOWN COLLECTIVE	8	14	20	26	30	32	
FULL COLLECTIVE	6	10	14	18	22	26	30

CONFIGURATION WITH SERIAL CONNECTION TO THE CAR: ELEMID + ELECB

CONTROL PANEL BOARDS	ELEMID	ELEMID	ELEMID + N.1 ELEXP	ELEMID + N.2 ELEXP	ELEMID + N.2 ELEXP	ELEMID + N.3 ELEXP	ELEMID + N.4 ELEXP
CAR BOARDS	ELECB	ELECB +N.1 ELEXP	ELECB +N.1 ELEXP	ELECB +N.1 ELEXP	ELECB +N.2 ELEXP	ELECB +N.2 ELEXP	ELECB +N.2 ELEXP
AUTOMATIC PUSH BUTTON	12						
DOWN COLLECTIVE	12	16	24	28	32		
FULL COLLECTIVE	9	12	15	21		27	32







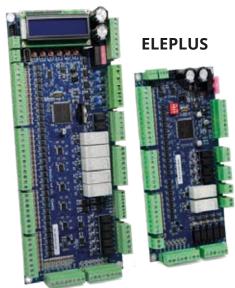


Control Board - Elesys

All boards are entirely engineered and produced in Italy by SMS to guarantee reliability and high quality standard.

Boards are suitable for all traction, Gearless and Hydraulic configuration.

ELEMPU



HIGHLIGHTS

- Modular system up to 32 Stops, APB,Down and Full Collective Multiplex.
- CAN BUS Communication.
- System configuration and fault diagnostics using 6 buttons and LCD display on board (16 characters on 2 rows).
- Parameters are permanently stored in EEPROM memory, even during black out.
- Updating via PC.
- Parallel and Serial configuration.

PARALLEL CAR CONFIGURATION

CONTROL PANEL BOARDS	ELEMPU	ELEMPU +N.1 ELEXP	ELEMPU +N.2 ELEXP	ELEMPU +N.3 ELEXP	ELEMPU +N.4 ELEXP	ELEMPU +N.5 ELEXP	ELEMPU +N.6 ELEXP
HOME LIFT	8						
AUTOMATIC PUSH BUTTON	12						
DOWN COLLECTIVE	12	18	24	30	32		
FULL COLLECTIVE	8	12	16	20	24	28	32

CONFIGURATION WITH SERIAL CONNECTION

CONTROL PANEL BOARDS	ELEMPU	ELEMPU	ELEMPU + N.1 ELEXP	ELEMPU + N.2 ELEXP	ELEMPU + N.2 ELEXP	ELEMPU + N.4 ELEXP
CAR BOARDS	ELEPLUS	ELEPLUS +N.1 ELEXP	ELEPLUS +N.1 ELEXP	ELEPLUS +N.1 ELEXP	ELEPLUS +N.2 ELEXP	ELEPLUS +N.2 ELEXP
AUTOMATIC PUSH BUTTON	12					
DOWN COLLECTIVE	12	24			32	
FULL COLLECTIVE	12		18	24		32







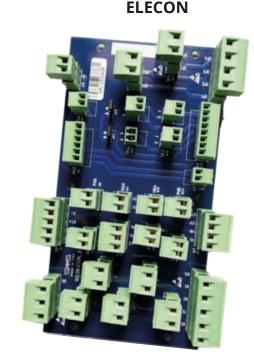
ACCESSORY BOARDS

For Eletouch, Elesys, Elemid

ELECON BOARD

HIGHLIGHTS

- Plug & Play for prewired screw connection.
- Position switches/safety chain contacts.
- · Power plugs for socket and car light.
- · Intercom.



ELEXP

NOBASE

ELEXP BOARD

HIGHLIGHTS

- Serial communication.
- I/O expansion board.
- Negative & positive logic I/O selectable.

NOBASE BOARD

HIGHLIGHTS

- · One board for each floor.
- Easy installation to save time and money.
- Reduced number of cables, 6 wires up to 32 floors.
- · Call, display, gong, arrows, priority call, out of service,







LIGHT

Open loop Geared Machine

HIGHLIGHTS

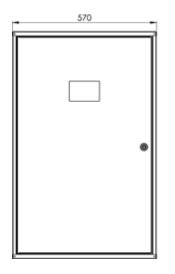
Lift application up to 16A (*) Machine

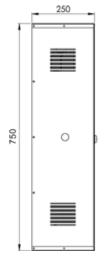
- Up to 32 Stops FULL COLLECTIVE / MULTIPLEX
- System configuration and fault diagnostics using 6 buttons and LCD display.
- Updating via PC.
- Integrated led lighting system.
- Serial and Parallel communication.
- Automatic Door VVVF 230V.
- Single or 2 accesses.
- Compliance with EN STANDARD as follows: 2014/33/UE - 2014/30/UE - EN 81-20.





ELEMID





WIDTH (mm)	HEIGHT (mm)	DEPTH (mm)
570	750	250





TKV (OPEN LOOP)

- Size up to 16A.
- Open loop asynchronous.
- Removeable keypad.



OPTION ELEMPU







T-COMPACT VVVF

Open and closed loop Geared Machine

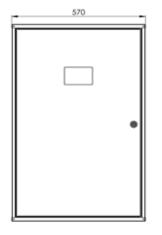
HIGHLIGHTS

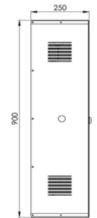
Lift application up to 46A (*) Machine

- Up to 32 Stops FULL COLLECTIVE / MULTIPLEX
- System configuration and fault diagnostics using 6 buttons and LCD display.
- Updating via PC.
- Integrated led lighting system.
- Serial and Parallel communication.
- Automatic Door VVVF 230V.
- Single or 2 accesses.
- Available with 3-phases UPS system designed for Lifts.
- Compliance with EN STANDARD as follows: 2014/33/UE - 2014/30/UE - EN 81-20.









WIDTH (mm)	HEIGHT (mm)	DEPTH (mm)
570	900	250

Speed regulator for lift application sofware by SMS



TKL (OPEN/CLOSED LOOP)

- Size up to 45A (*).
- Open and close loop.
- Removeable keypad.



TKK (OPEN/CLOSED LOOP)

- Size up to 46A (*).
- Open and close loop.
- Built-in keypad with LED display.







T-SMART LIGHT

Gearless Machine

HIGHLIGHTS

Lift application up to 45A (*) Machine

- Up to 32 Stops APB/DOWN/FULL COLLECTIVE, MULTIPLEX.
- System configuration and fault diagnostics using 6 buttons and LCD display.
- Updating via PC.
- · Integrated led lighting system.
- Serial and Parallel configuration.
- Automatic Door VVVF 230V.
- Single or 2 accesses.
- Main switch, light switches (shaft and car) and power socket in the control panel.
- Remote test operations (safety block, buffers, brake, etc.)
- Overspeed governor in the shaft, controlled by key in control panel for test.
- Built in automatic rescue system and electrical emergency operations.
- Integrated manual electrical rescue operation with monitor of car at floor level, for rescue operation.
- Compliance with EN STANDARD as follows: 2014/33/UE 2014/30/UE EN 81-20.







ELEMPU



Gearless Machine

WIDTH (mm)	HEIGHT (mm)	DEPTH (mm)
350	2180/2230	230







T-SMART PLUS

Gearless Machine

HIGHLIGHTS

Lift application up to 45A (*) Machine

- Modular system up to 32 stops, APB, Down and Full Collective, Multiplex.
- CAN BUS communication with TKL inverter.
- CAN BUS system for serial shaft and car.
- Shaft positioning with existing motor encoder & direct to floor.
- Touchscreen LCD for system configuration and diagnostics.
- Wireless Access Point to manage parameters with mobile phone, tablet or PC.
- Software updating via PC.
- Integrated led lighting system.
- Serial and Parallel configuration.
- Main switch, light switches (shaft and car) and power socket in the control panel.
- Remote test operations (safety block, buffers, brake, etc.).
- Overspeed governor in the shaft, controlled by key in control panel for test.
- Built in automatic rescue system and electrical emergency operations.
- Integrated manual electrical rescue operation with monitor of car at floor level, for rescue operation.
- Compliance with EN STANDARD as follows: 2014/33/UE 2014/30/UE EN 81-20.
- Prewired kit for car.









ELECB

WIDTH (mm)	HEIGHT (mm)	DEPTH (mm)
350	2180 / 2230	230



Gearless Machine







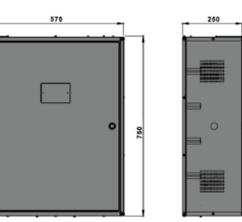
I-COMPACT HYDRAULIC

For Hydraulic Lift Machine

HIGHLIGHTS

Lift application up to 65A (*) Machine

- Operation system APB/DOWN/FULL COLLECTIVE, MULTIPLEX.
- System configuration and fault diagnostics using 6 buttons and LCD display.
- Updating via PC.
- Integrated led lighting system.
- Serial and Parallel configuration.
- Automatic Door VVVF 230V.
- Single or 2 accesses.
- Available with 3-phases UPS system designed
- Compliance with EN STANDARD as follows: 2014/33/UE - 2014/30/UE - EN 81-20.



3-phase soft starter



	lia Cua		1-4-4	
Hyarau	lic Spee	ea regu	lator T	or
lift annl	lication	sofwar	e hv SI	1/5

570



SMS-Start

- Size up to 70A.
- Connection is direct in line or inside delta.
- Compact size.



HEIGHT (mm)

750



- Size up to 27A.
- Open loop asynchronous.
- Removeable keypad.

(*) Larger size is available on request







ELEMID

OPTION ELEMPU

DEPTH (mm)

250

MAINTENANCE BOX





HIGHLIGHTS

- CAN BUS communication.
- All car Input/Output connection.



HIGHLIGHTS

- Easy connection and fast maintenance.
- Inspection box.
- · Connection for light.
- Compact and robust metalic box.

PRE WIRED



STANDARD









VERSA 12

POWER SUPPLY FOR EMERGENCY OPERATION 12V

LiFePO₄ BATTERIES

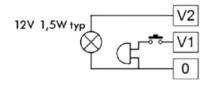


HIGHLIGHTS

- Output power: up to 10W.
- Emergency duration (V2):> 3h@1,5W.
- Continuous cycle (V1) 1.5W, ideal also for the use of the telephone dialer.
- Small size.
- Lithium/iron batteries (LiFePO4).

VERSA12, the lastest generation emergency power supply , provides same performance as 2500mAh power supply with Nickel-Cadmium batteries but with reduced dimension (LiFePO4 Battery). In case of emergency, **VERSA12** delivers 3h energy to the cabin light (12V - 1,5W) and the alarm/dialer.

DIMENSIONS



190-250V 50-60Hz 50 mA 5W Max POWER FACTOR > 0,5



30

WIDTH (mm)	HEIGHT (mm)	DEPTH (mm)	WEIGHT (kg)
155	30	40	0,15









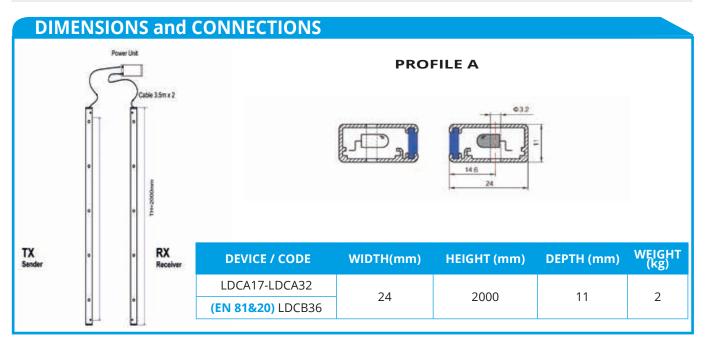
LIFT DOOR CURTAIN

COMPLIANCE WITH EN 81-20 EN 81-70



- 94/154/174 Beams.
- High ambient light immunity.
- Detecting range up to 4mt.
- · Voice reminder.

LDC are light curtains for lifts at 94/154/174 high quality beams with anodized aluminum profile with LED indicator and flow funziomanento up to 4mt. **LDC** 174 beams complies with EN 81-20.









COP AND LOP

Line Calipso



HIGHLIGHTS

- EN 81-70 and Braille blue color.
- Push plate, made of 304grade silver brushed; PVD for black or gold.
- Hardchrome plated diecast body (zamak), polycarbonate push plate body (milky white).
- Warranty, 24 months (terms applied).
- 1 Million pressing rate at 20mA@24V non-inductive load.
- Dimension 80 cm, 95 cm.
- Fixing wall mounting, without cutting or patching.
- Optional: double finishes





black



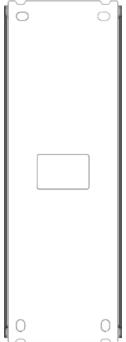


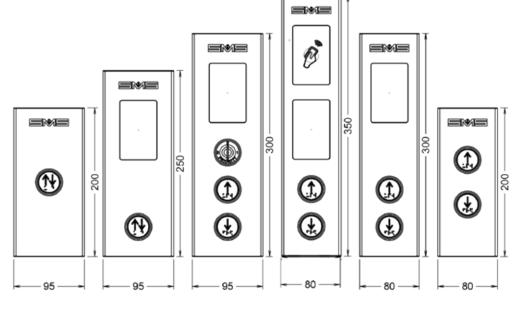




















PUSH BUTTONS

Line Atlante







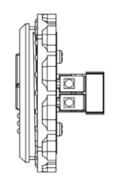


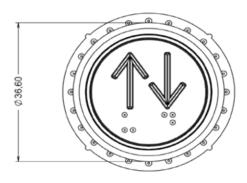
HIGHLIGHTS

- EN 81-70 and Braille blue color.
- Push plate, made of 304grade silver brushed; PVD for black or gold.
- Hardchrome plated diecast body (zamak), polycarbonate push plate body (milky white).
- Braille
- Warranty, 24 months (terms applied).
- 1 Million pressing rate at 20mA@24V noninductive load.





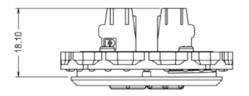


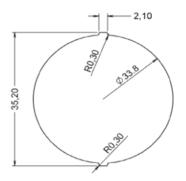


















SMS Srl (Gruppo SASSI HOLDIN	NG) Via Guido Ross	a 46 48 50 Loc Cre	esnellano 40053 Vals	amoggia-Bologna-
Italy Cap. Soc. 260.000 i.v. R.E.A. 272354 CF-Reg. Ir	mprese Bo 031900	50371 P.IVA IT 006	01981202 Tel. +39 0	51 969 037 Fax. +39
051 969 303 Tel. Assistenza tecnica : +39 051 67207 COMPANY				
DATE/ REF. LIFT		☐ ORDER	OFFER	
			3 OTTER	<u></u>
	RACTION CO		4.20 5	
STANDARDS □EN81-1+A1+A2 □ A3 (attach.doc				
	LLEL WIRING			_
N° STOPS N° DOORS			·	
Operating voltage VacHz Load Light Voltage VacHz				
MOTOR : kW VacHz	rpm Inom	A	Motor protection:	☐ Thermistor
DRIVE TYPE:	Brake voltage:	☐ 48 vDC ☐ 60 Vdc ☐ 96 Vdc	EMERGENCY: ☐	No ARD Provision
FAN		□ 110 Vdc □ Vdc		
Note 1: With ENCODER type PUSH PULL 24Vdc 1	024 imp/giro, spec	ify if different		
OP.MODE: A.P.B. Simplex Duplex Triplex	Down collective		Operating volta	age:
DOORS: CAR:	□Automatic □Manual	N° DOORS: ☐ 1 ☐ 2	OPENING:	taneous
Doors at landing: ☐Open ☐Closed	Door Type:	□ VVVF (*) □ 3ph □ DC (Note 2)	Voltage:V Power:VA	□AC □DC
☐ Photocell: ☐ 24Vdc ☐V_ ☐ Forced door closed		□(Note 2))	\Box
□ N° Retiring cam VdcAV Nota 2: Attach.doc.	N	☐ 3ph door	_VdcAW	
SIGNAL 24Vdc Gong Direction arrow	C C C	Occupied Position Display Direction arrow Arrival / Registere Car present by loc Car present by co Out of service sign	ed Gked Antrol panel GNAL COMMON:	input x floor segments fray code arrow integrated everload integrated fong integrated
			L	י רטאווועפ
OTHER - ☐ Inspection box on the top of Car ACCESSORIES ☐ Shaft KIT ☐	Maintenance Box	κ □ Shi	ield power cable 8 m	1.
REFERENCE PEOPLE			ail	







SMS Srl (Gruppo SASSI HOLDING) Via Guido Rossa, 46,48,50 Loc. Crespellano 40053 Valsamoggia-Bologna-
Italy Cap. Soc. 260.000 i.v. R.E.A. 272354 CF-Reg. Imprese Bo 03190050371 P.IVA IT 00601981202 Tel. +39 051 969 037 Fax. +39 051 969 303 Tel. Assistenza tecnica: +39 051 6720710 http://www.sms-lift.com e-mail: sms@sms.bo.it
COMPANY Tel Email
DATE// REFER LIFT
HYDRAULIC CONTROL PANEL
STANDARDS □ EN81-2+A1+A2 □ A3 □ EN81-72 □ EN81-73 □ EN81-20 □
CAR CONNECTION : PARALLEL WIRING ———————————————————————————————————
N° Floors: N° Car entrance: MACHINE ROOM : ☐ Bottom ☐ Top
Operating Voltage : VacHz Duty Load : kg Speed : m/s Shaft : m Minimum floor distance m Light Voltage Vac
Hydraulic unit - Motor:kWVacHzrpm
N. Valves : 2 Valve voltage : 48 Vdc Emergency: No 3 Go down and doors open 4 Vdc Motorized or electronics (attach. Technical spec.)
Op.System : □ A.P.B. □ Simplex □ Down collective □ Down collective □ 48 Vdc □ Full collective □ Triplex □ Triplex
DOORS: CAR: Automatic FLOORS: Automatic N° DOORS: 1 Side A B Manual Manual 2 OPENING: Side 1 or 2 Simultaneous Simultaneous Selective
Door at landing : □ Open
□ N° Retiring cam VdcAW □ Slowdown VdcAW
Nota 1: Attach. documentation
Signal CAR: Position display AT FLOORS: Occupied DISPLAY TYPE: Binary code 24Vdc
In the control panel: Car at floor SIGNAL COMMON: Negative Positive
OTHER - ☐ Maintenance box ☐ Inspection box on the top of Car
ACCESSORIES Shaft KIT Shield power cable 8 m.
REFERENCE PEOPLETelTele-mail
NOTE









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